

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD052019\
 Data File : VD062461.D
 Acq On : 20 May 2019 17:34
 Operator : FY/SY
 Sample : VD0520SBL01
 Misc : 5.00g/5mL/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0520SBL01

Quant Time: May 20 17:57:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 20 17:01:52 2019
 Response via : Initial Calibration

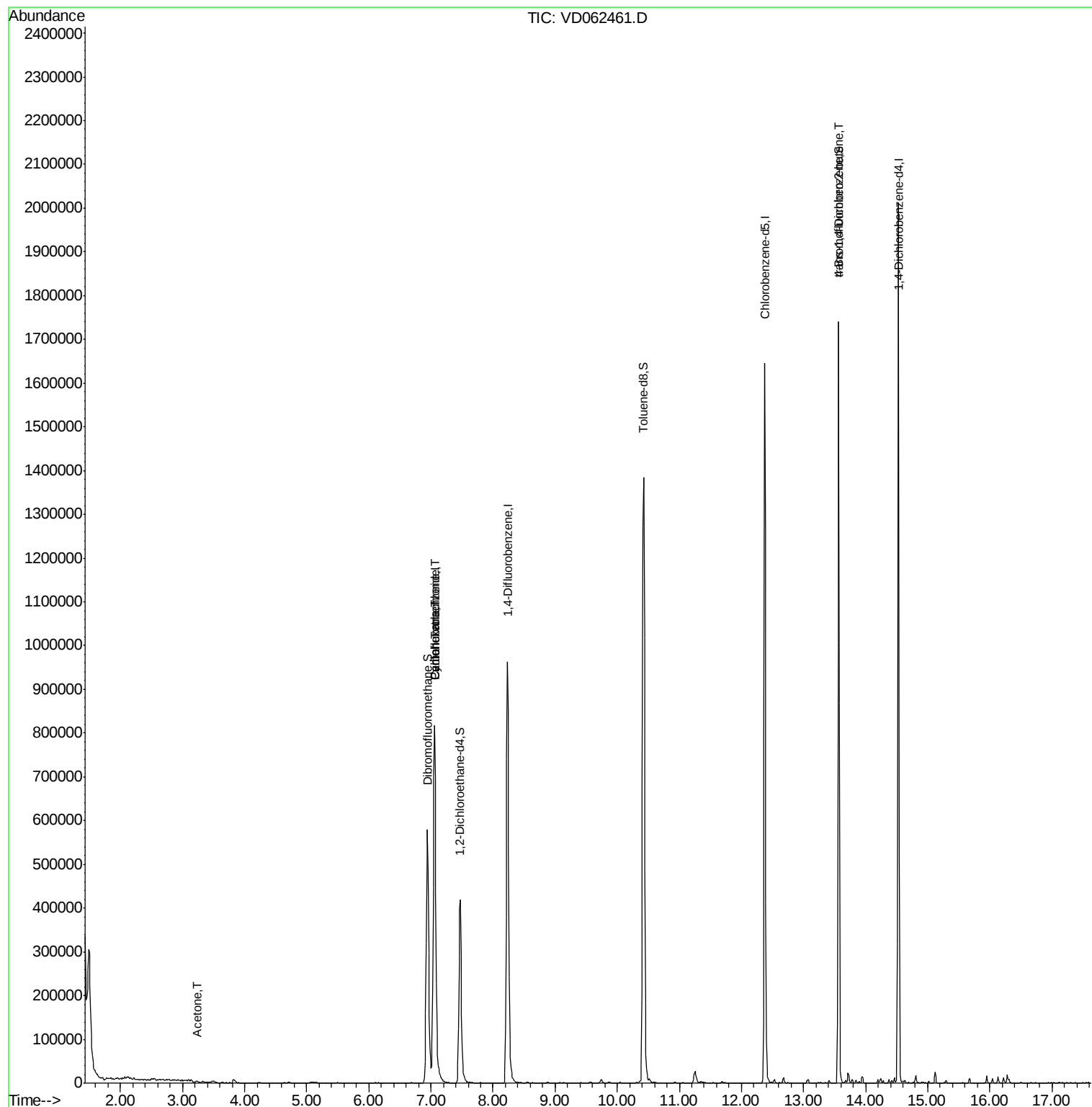
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	791769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1063322	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	873015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	469597	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	464339	54.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.58%	
35) Dibromofluoromethane	6.94	113	516491	53.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.68%	
50) Toluene-d8	10.43	98	1185278	56.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.92%	
62) 4-Bromofluorobenzene	13.57	95	468852	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
Target Compounds						
2) Dichlorodifluoromethane	1.58	85	1334	Below Cal		90
16) Acetone	3.24	43	7370	4.853 ug/l #		89
20) Methylene Chloride	3.82	84	4939	Below Cal #		72
31) Cyclohexane	7.06	56	17617	2.201 ug/l #		13
38) Carbon Tetrachloride	7.06	117	82320	5.286 ug/l #		16
81) trans-1,4-Dichloro-2-buten	13.57	75	204016	130.781 ug/l #		16

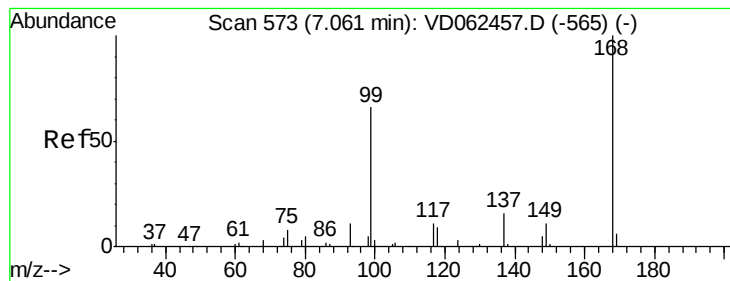
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD052019\
Data File : VD062461.D
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Sample : VD0520SBL01
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ClientSampleId :
VD0520SBL01

Quant Time: May 20 17:57:16 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
Quant Title : SW846 8260
QLast Update : Mon May 20 17:01:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. -0.00 min

Lab File: VD062461.D

Acq: 20 May 2019 17:34

Instrument :

MSVOA_D

ClientSampleId :

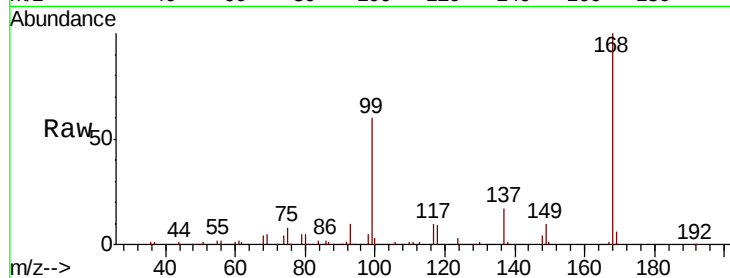
VD0520SBL01

Tgt Ion:168 Resp: 791769

Ion Ratio Lower Upper

168 100

99 60.3 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

300000

250000

200000

150000

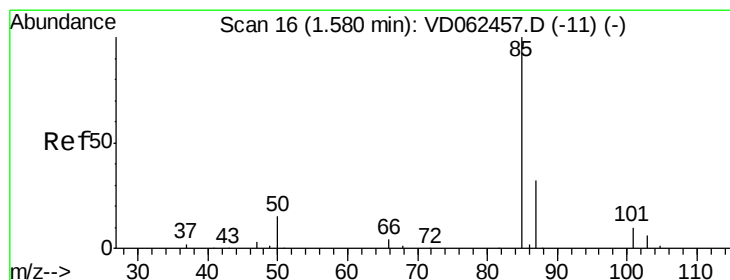
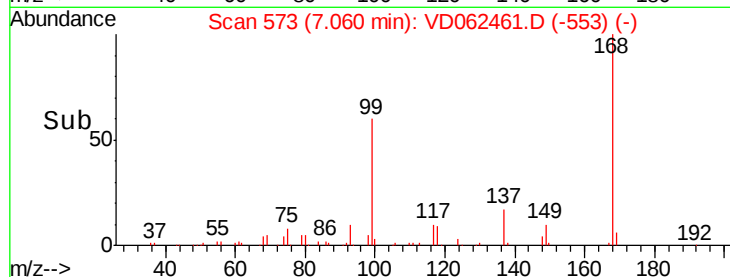
100000

50000

0

Time-->

6.90 7.00 7.10 7.20 7.30



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.58 min Scan# 16

Delta R.T. 0.00 min

Lab File: VD062461.D

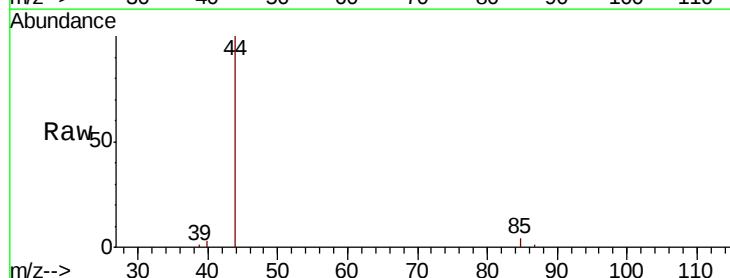
Acq: 20 May 2019 17:34

Tgt Ion: 85 Resp: 1334

Ion Ratio Lower Upper

85 100

87 38.1 16.2 48.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.58

1000

800

600

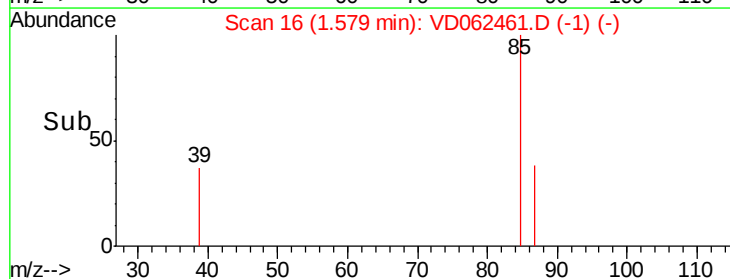
400

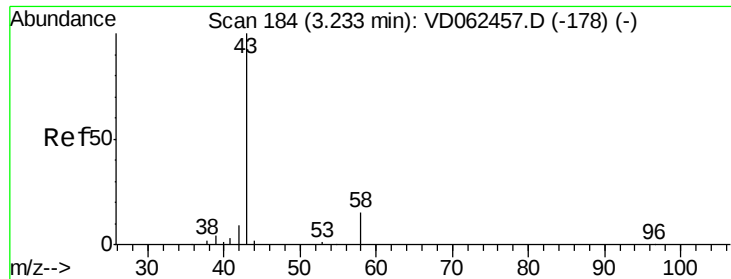
200

0

Time-->

1.55 1.60





#16

Acetone

Concen: 4.853 ug/l

RT: 3.24 min Scan# 185

Delta R.T. 0.01 min

Lab File: VD062461.D

Acq: 20 May 2019 17:34

Instrument :

MSVOA_D

ClientSampleId :

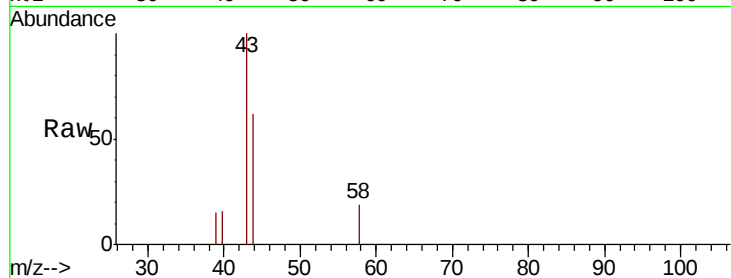
VD0520SBL01

Tgt Ion: 43 Resp: 7370

Ion Ratio Lower Upper

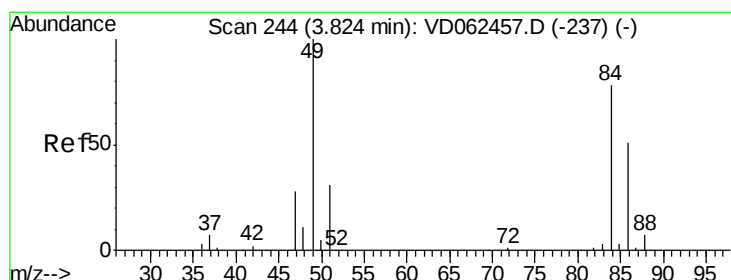
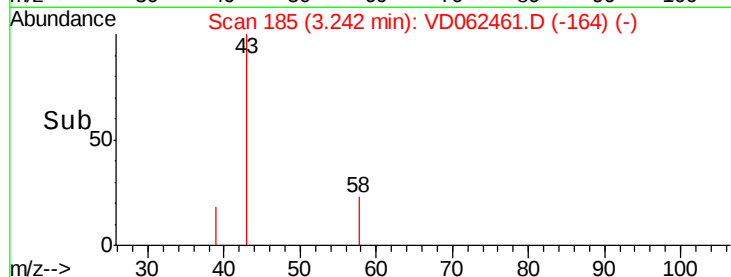
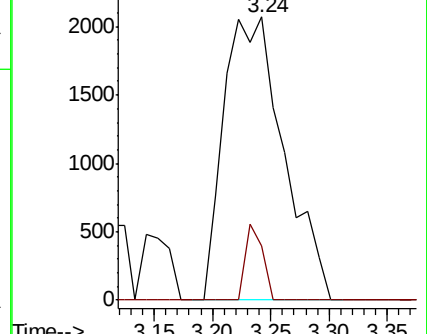
43 100

58 19.3 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: Below Cal

RT: 3.82 min Scan# 244

Delta R.T. -0.00 min

Lab File: VD062461.D

Acq: 20 May 2019 17:34

Tgt Ion: 84 Resp: 4939

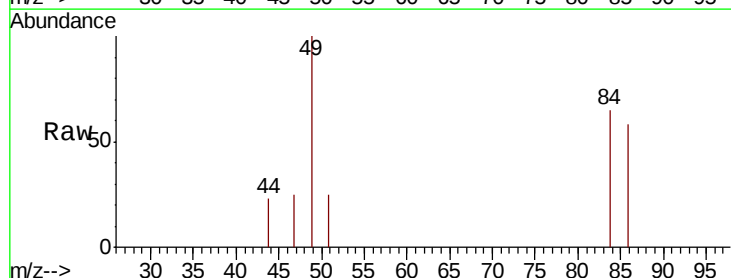
Ion Ratio Lower Upper

84 100

49 153.2 94.0 141.0#

51 38.1 29.0 43.4

86 88.3 49.8 74.6#

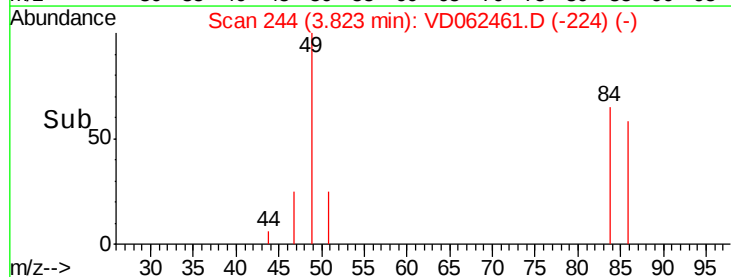
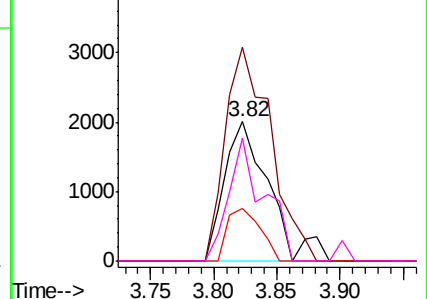


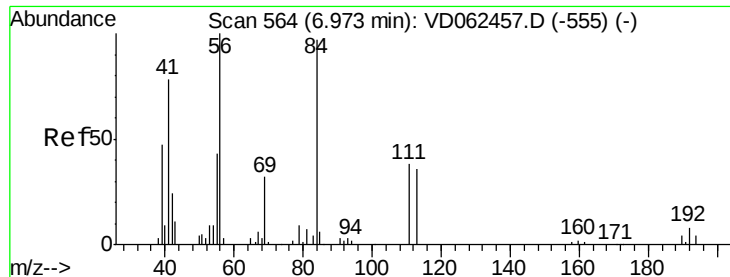
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

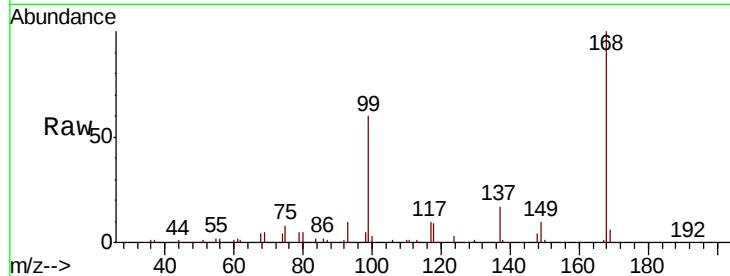




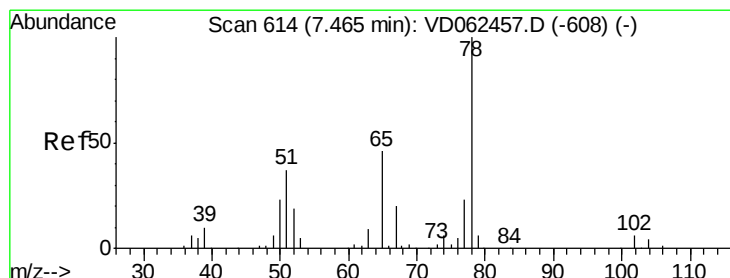
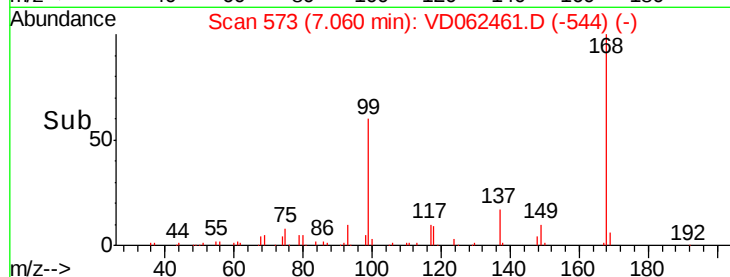
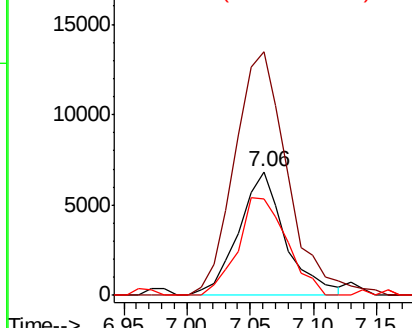
#31
Cyclohexane
Concen: 2.201 ug/l
RT: 7.06 min Scan# 573
Delta R.T. 0.09 min
Lab File: VD062461.D
Acq: 20 May 2019 17:34

Instrument :
MSVOA_D
ClientSampleId :
VD0520SBL01

Tgt Ion: 56 Resp: 17617
Ion Ratio Lower Upper
56 100
69 196.6 25.8 38.6#
84 77.5 72.2 108.4

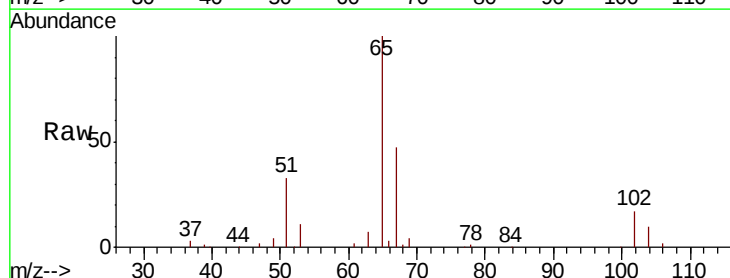


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

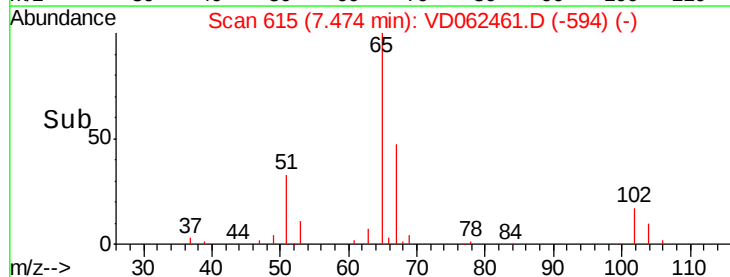
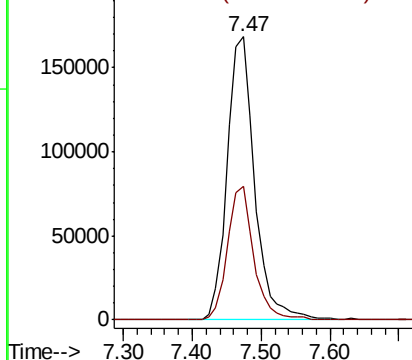


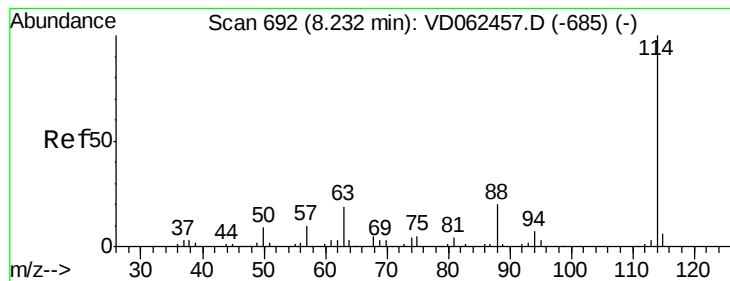
#33
1,2-Dichloroethane-d4
Concen: 54.787 ug/l
RT: 7.47 min Scan# 615
Delta R.T. 0.01 min
Lab File: VD062461.D
Acq: 20 May 2019 17:34

Tgt Ion: 65 Resp: 464339
Ion Ratio Lower Upper
65 100
67 47.3 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 692

Delta R.T. -0.00 min

Lab File: VD062461.D

Acq: 20 May 2019 17:34

Instrument :

MSVOA_D

ClientSampleId :

VD0520SBL01

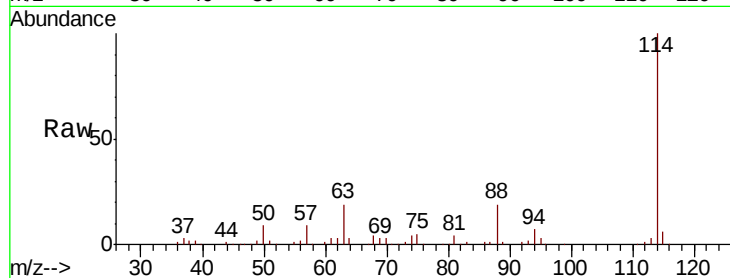
Tgt Ion:114 Resp: 1063322

Ion Ratio Lower Upper

114 100

63 19.3 0.0 32.4

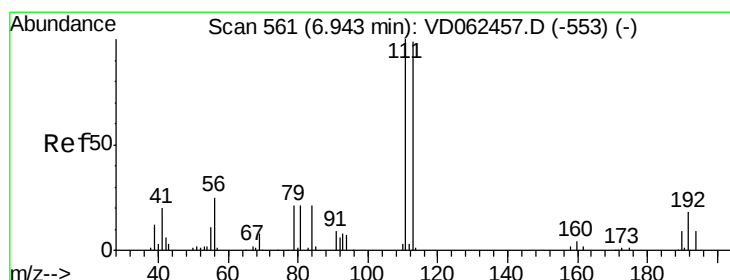
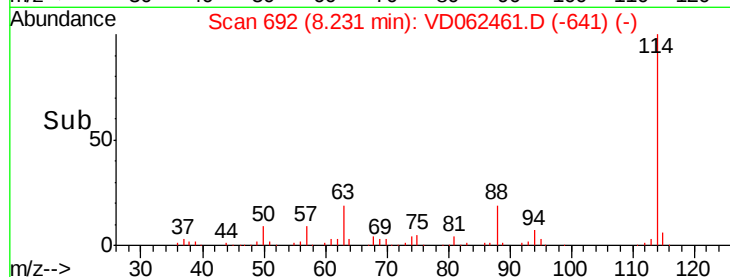
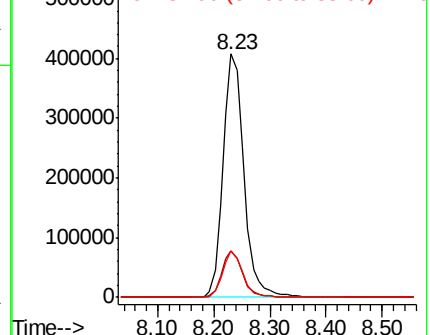
88 19.2 0.0 33.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 53.843 ug/l

RT: 6.94 min Scan# 561

Delta R.T. -0.00 min

Lab File: VD062461.D

Acq: 20 May 2019 17:34

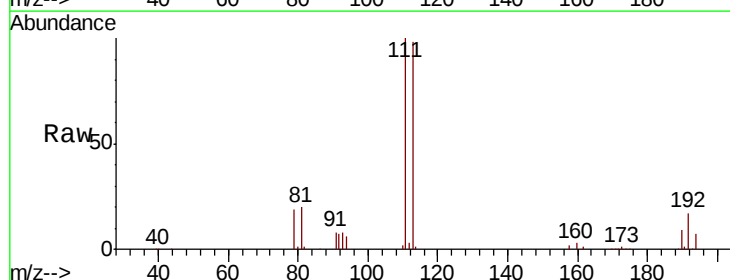
Tgt Ion:113 Resp: 516491

Ion Ratio Lower Upper

113 100

111 102.5 78.5 117.7

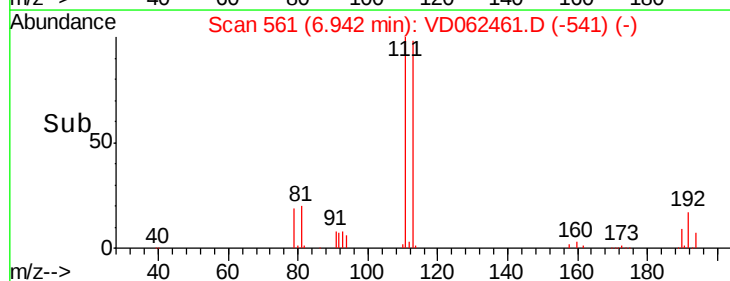
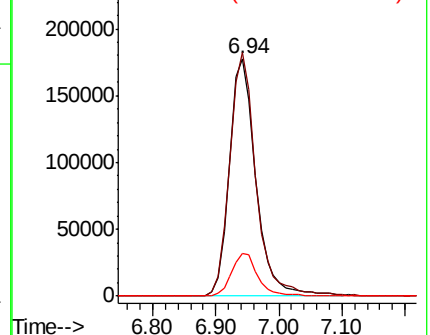
192 17.8 13.0 19.4

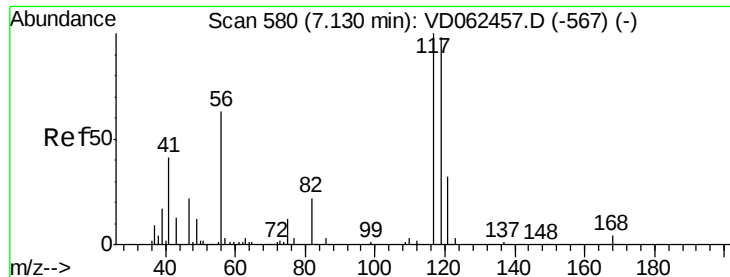


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

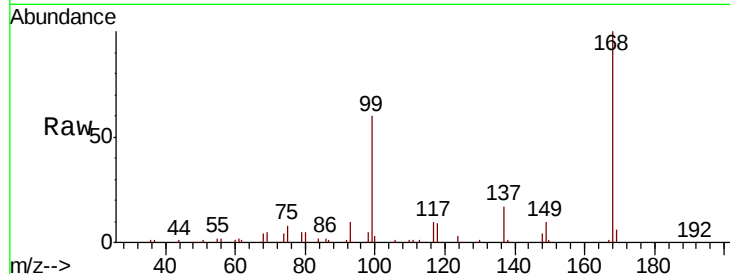




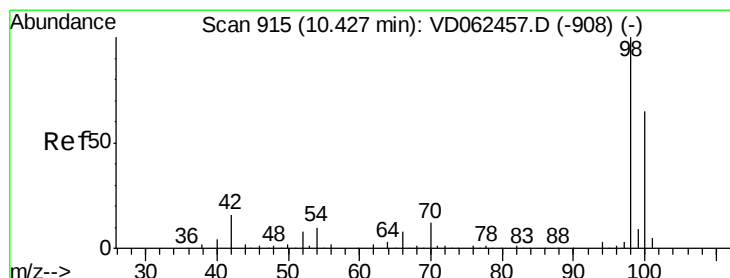
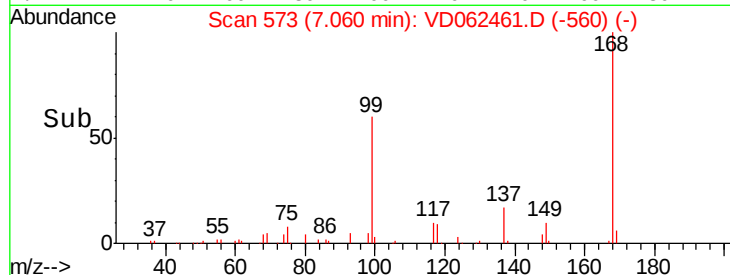
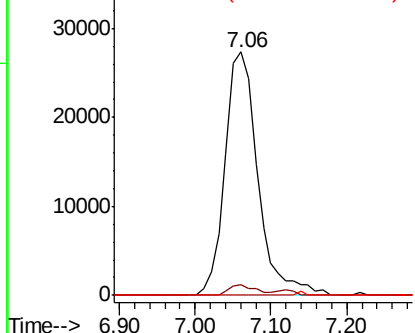
#38
Carbon Tetrachloride
Concen: 5.286 ug/l
RT: 7.06 min Scan# 573
Delta R.T. -0.07 min
Lab File: VD062461.D
Acq: 20 May 2019 17:34

Instrument :
MSVOA_D
ClientSampleId :
VD0520SBL01

Tgt Ion:117 Resp: 82320
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.8#
121 0.0 25.9 38.9#

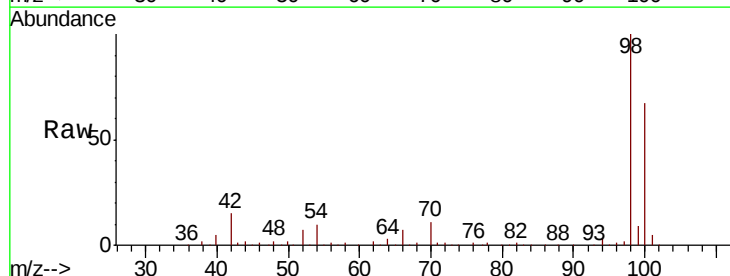


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

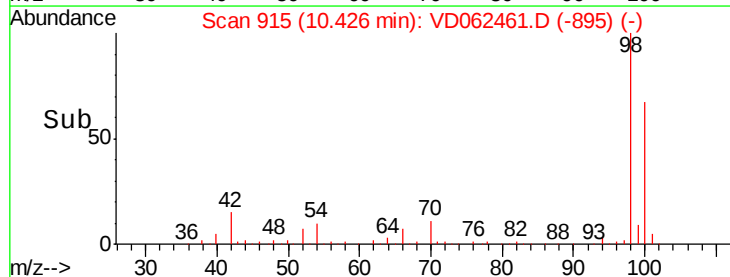
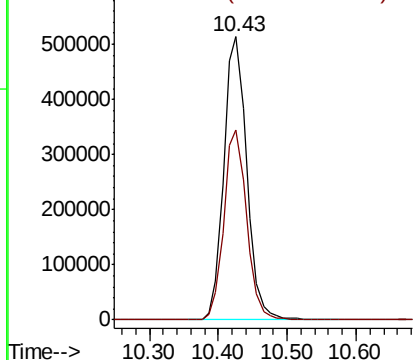


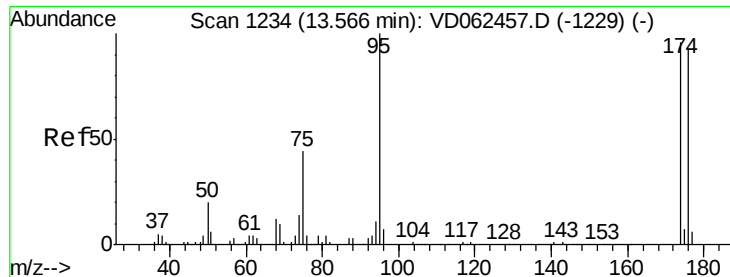
#50
Toluene-d8
Concen: 56.463 ug/l
RT: 10.43 min Scan# 915
Delta R.T. -0.00 min
Lab File: VD062461.D
Acq: 20 May 2019 17:34

Tgt Ion: 98 Resp: 1185278
Ion Ratio Lower Upper
98 100
100 67.3 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V
Ion 100.05 (99.75 to 100.75): V

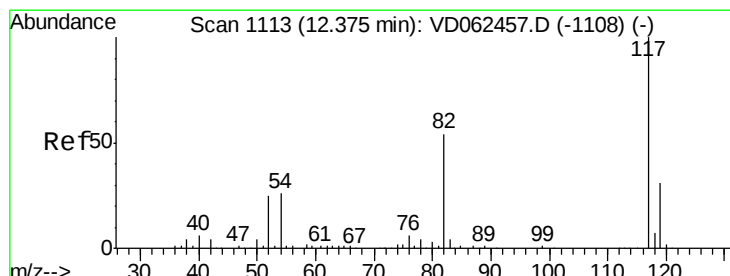
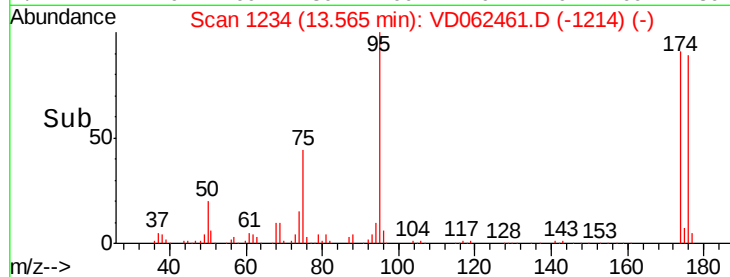
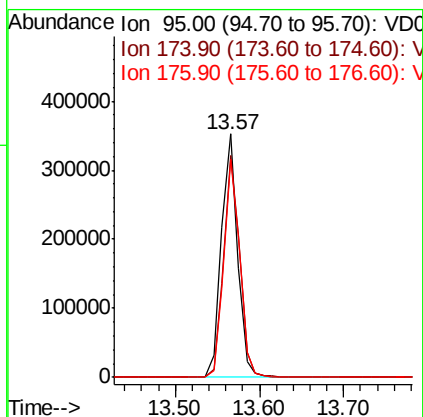
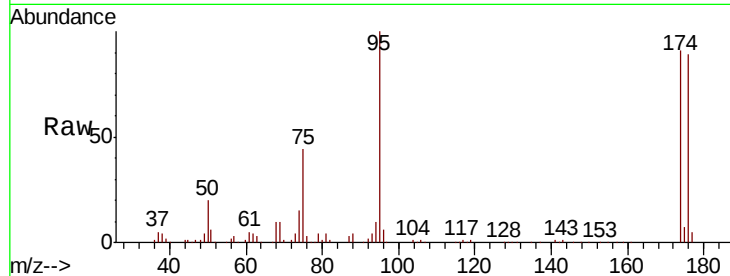




#62
4-Bromofluorobenzene
Concen: 51.058 ug/l
RT: 13.57 min Scan# 1234
Delta R.T. -0.00 min
Lab File: VD062461.D
Acq: 20 May 2019 17:34

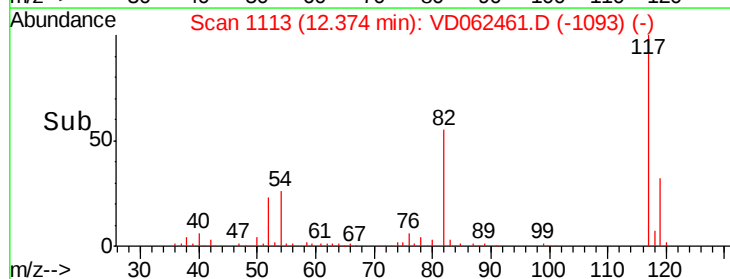
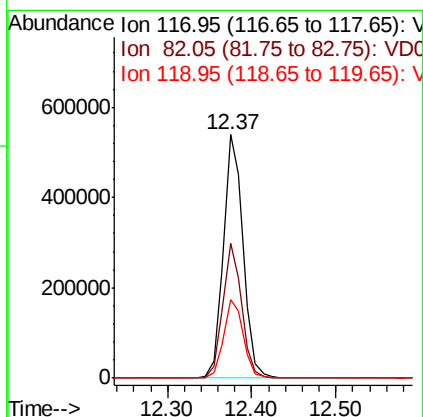
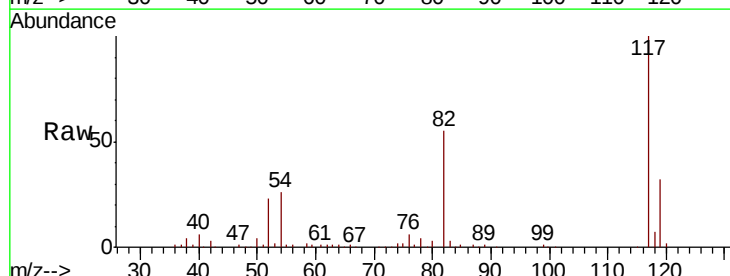
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBL01

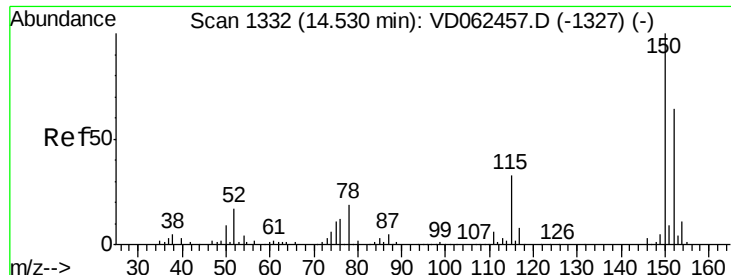
Tgt Ion: 95 Resp: 468852
Ion Ratio Lower Upper
95 100
174 91.1 0.0 181.8
176 89.3 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VD062461.D
Acq: 20 May 2019 17:34

Tgt Ion: 117 Resp: 873015
Ion Ratio Lower Upper
117 100
82 55.3 36.2 54.2#
119 32.1 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.53 min Scan# 1332

Delta R.T. -0.00 min

Lab File: VD062461.D

Acq: 20 May 2019 17:34

Instrument :

MSVOA_D

ClientSampleId :

VD0520SBL01

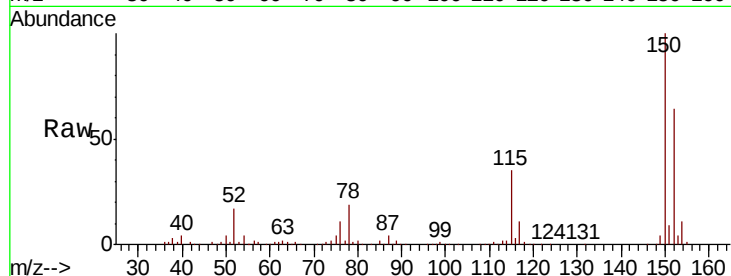
Tgt Ion:152 Resp: 469597

Ion Ratio Lower Upper

152 100

115 54.4 30.9 92.7

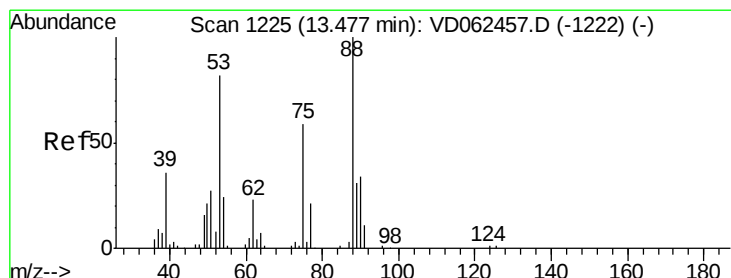
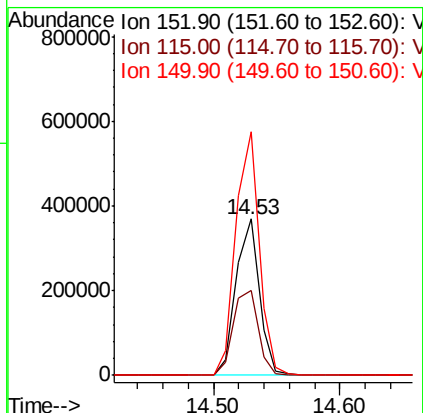
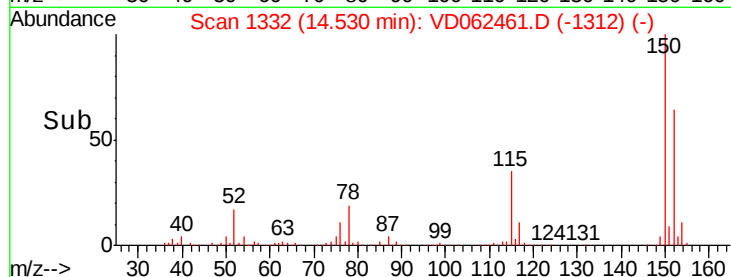
150 156.0 0.0 314.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V



#81

trans-1,4-Dichloro-2-butene

Concen: 130.781 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.09 min

Lab File: VD062461.D

Acq: 20 May 2019 17:34

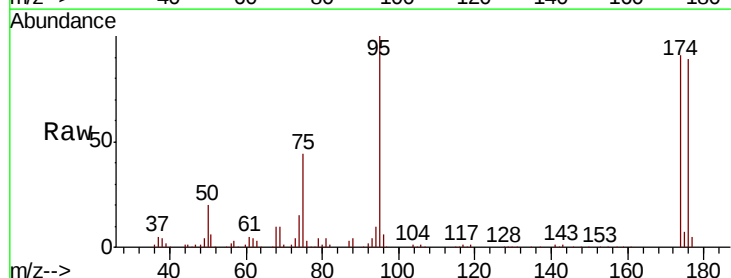
Tgt Ion: 75 Resp: 204016

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

